## **EAST Search History**

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	14	"5,629,067"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/02/28 08:44
S2	4	("5188779"   "5629067"). PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/02/28 08:46
S3	25	("3983283"   "4335023"   "4451517"   "4455336"   "4756976"   "4840827"   "4869944"   "4877670"   "5063029"   "5073432"   "5188779"   "5207989"   "5514446").PN. OR ("5629067").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/02/28 11:44

<b>S</b> 4	2	"20010033910"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/02/28 12:58
<b>S</b> 5	2	"6,696,131"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/02/28 12:59
S6	28821	428/116 or 428/117 or 428/119 or 428/188 or 428/913 or 428/327 or 428/73 or 428/307.5 or 428/34.5 or 428/177 or 428/304.4 or 428/192 or 501/118 or 501/119 or 501/120 or 501/153 or 501/154 or 55/523 or 55/585.3 or 55/483 or 55/502 or 55/529	US-PGPUB; USPAT; USOCR; FPRS	OR	OFF	2008/12/04
S7	468165	honeycomb or (honey adj comb) or cellular	US-PGPUB; USPAT; USOCR; FPRS	OR	ON	2008/12/04 16:07

S8	1860961	(outer adj wall) or (peripheral adj wall) or (outer adj coating) or (peripheral adj coating) or (outer adj periphery) or (outer adj peripheral) or periphery or peripheral	US-PGPUB; USPAT; USOCR; FPRS	OR	ON	2008/12/04 16:07
S9	6217513	void or gap or space or empty or area or pocket or chasm or hole or rift or opening	US-PGPUB; USPAT; USOCR; FPRS	OR	ÖN	2008/12/04 16:12
S10	301451	S7 and (coating or layer or film or covering or enamel or facing or veneer or coat or lacquer or overcoating or patina or seal or varnish or veneering or finish or glaze or sealing or varnishing or finishing or glazing)	US-PGPUB; USPAT; USOCR; FPRS	OR	ON	2008/12/04 16:16
S11	198733	S10 and (viscosity or cP or centipoise or Poise or P or (kg NEAR2 ms) (kg/ms) or (kg NEAR2 "m.sup-1" NEAR2 "s.sup-1") or (Pa NEAR2 s) or (g/cms) or (g NEAR2 "cm.sup-1" "s.sup-1"))	USPAT;	OR	ON	2008/12/04 16:25

S12	1921	S11 and S6	US-PGPUB; USPAT; USOCR; FPRS	OR	ON	2008/12/04 16:25
S13	600	S12 and S8	US-PGPUB; USPAT; USOCR; FPRS	OR	ON	2008/12/04 16:25
\$\$14	22432	S7 and ((coating or layer or film or covering or enamel or facing or veneer or coat or lacquer or overcoat or overcoating or patina or seal or varnish or veneering or finish or glaze or sealing or varnishing or finishing or glazing) WITH (viscosity or cP or centipoise or Poise or P or (kg NEAR2 ms) (kg/ms) or (kg NEAR2 "s. sup-1") or (Pa NEAR2 s) or (mPa NEAR2 s) or (g/cms) or (g NEAR2 "cm.sup-1")))	US-PGPUB; USPAT; USOCR; FPRS	OR	ON	2008/12/04
S15	415	S14 and S6	US-PGPUB; USPAT; USOCR; FPRS	OR	ON	2008/12/04 16:27

S16	124	S15 and S8	US-PGPUB; USPAT; USOCR; FPRS	OR	ON	2008/12/04 16:29
S17	386	S15 and S9	US-PGPUB; USPAT; USOCR; FPRS	OR	ON	2008/12/04 16:29
S18	28	("3983283"   "4335023"   "4451517"   "4455336"   "4756976"   "4840827"   "4869944"   "4877670"   "5063029"   "5073432"   "5188779"   "5207989"   "5514446").PN. OR ("5629067").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/12/04 18:14
S19	24	((colloidal adj silica) WITH cordierite) and S6 and S7	US-PGPUB; USPAT; USOCR	OR	ON	2008/12/04 19:05
S20	2	10/241685	US-PGPUB; USPAT; USOCR	OR	ON	2008/12/04 19:10
S21	2	10/461419	US-PGPUB; USPAT; USOCR	OR	ON	2008/12/04 19:23
S22	0	((amorphous adj silica) WITH (amorphous NEAR3 oxide)) and LF and S6	US-PGPUB; USPAT; USOCR	OR	ON	2008/12/04 20:03
S23	2	((amorphous adj silica) WITH (amorphous NEAR3 oxide)) and S7 and S6	US-PGPUB; USPAT; USOCR	OR	ON	2008/12/04 20:03

S24	13	((non adj crystal\$5) NEAR3 silica) WITH ((non adj crystalline) NEAR3 oxide)	US-PGPUB; USPAT; USOCR	OR	ON	2008/12/04 20:15
S25	0	((non adj crystal\$5) NEAR3 silica) WITH ((non adj crystalline) NEAR3 oxide) and S7	US-PGPUB; USPAT; USOCR	OR	ON	2008/12/04 20:16
S26	2653	(glass\$5 NEAR3 silica) WITH (glass\$ NEAR3 oxide)	US-PGPUB; USPAT; USOCR	OR	ON	2008/12/04 20:17
S27	293	S26 and S7	US-PGPUB; USPAT; USOCR	OR	ON	2008/12/04 20:17
S28	4	S27 and S6	US-PGPUB; USPAT; USOCR	OR	ON	2008/12/04 20:17
S29	12	((amorphous adj silica) WITH (amorphous NEAR3 (alumina or titania or ceria or oxide or zirconia))) and S7 and S6	US-PGPUB; USPAT; USOCR	OR	ON	2008/12/04 20:20

\$30	52012	((high adh viscosity) or (highly adj viscous)) WITH (coating or layer or film or covering or enamel or facing or veneer or coat or lacquer or overcoat or overcoating or patina or seal or varnish or veneering or finish or glaze or sealing or varnishing or finishing or glazing) and S7	US-PGPUB; USPAT; USOCR	OR	ON	2008/12/04 20:30
S31	52012	(((high adh viscosity) or (highly adj viscous)) WITH (coating or layer or film or covering or enamel or facing or veneer or coat or lacquer or overcoat or overcoating or patina or seal or varnish or veneering or finish or glaze or sealing or varnishing or finishing or glazing)) and S7	US-PGPUB; USPAT; USOCR	OR	ON	2008/12/04 20:30
S32	1588	S31 and S6	US-PGPUB; USPAT; USOCR	OR	ON	2008/12/04 20:31

S33	899	S32 and (exhaust or DPF or diesel or filter or filtration or catalyst or catalytic)	US-PGPUB; USPAT; USOCR	OR	ON	2008/12/04 20:32
S34	783	((high adj viscosity) or (highly adj viscous)) WITH (coating or layer or film or covering or enamel or facing or veneer or coat or lacquer or overcoat or overcoating or patina or seal or varnish or veneering or finish or glaze or sealing or varnishing or finishing or glazing) and S7	US-PGPUB; USPAT; USOCR	OR	ON	2008/12/04 20:33
S35	30	S34 and S6	US-PGPUB; USPAT; USOCR	OR	ON	2008/12/04 20:33
S36	14	"4,840,827"	US-PGPUB; USPAT; USOCR	OR	ON	2008/12/09 17:39
S37	18	("3876556"   "3938232"   "4285909"   "4448833"   "4451517"   "4455336"). PN. OR ("4840827"). URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/12/09 18:52

S38	3	"20040065068"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/05/11 14:11
S39	17	("20030053940"   "3785781"   "3927300"   "4519820"   "4535589"   "5019142"   "5318755"   "5514347"   "6391077"   "6508852"   "6607804"   "6712884"   "6764527"   "6776814").PN. OR ("7090714").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/05/11 14:12
S40	2	"20030093982"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/05/11 15:22
S41	20	("2003/0093982").URPN.	USPAT	OR	OFF	2009/05/11 15:22
S42	1	"20050095179"	US-PGPUB; USPAT; USOCR	OR	OFF	2009/05/11 15:58
S43	1	"4,415,344".pn.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/05/11 15:59

S44	29	("3983283"   "4335023"   "4451517"   "4455336"   "4756976"   "4840827"   "4869944"   "4877670"   "5063029"   "5073432"   "5188779"   "5207989"   "5514446").PN. OR ("5629067").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/05/11 16:24
S45	1	10/532758	US-PGPUB; USPAT; USOCR	OR	ON	2009/05/12 10:33
S46	29378	428/116 or 428/117 or 428/119 or 428/188 or 428/913 or 428/327 or 428/73 or 428/307.5 or 428/34.5 or 428/177 or 428/304.4 or 428/192 or 501/118 or 501/119 or 501/120 or 501/153 or 501/154 or 55/523 or 55/585.3 or 55/483 or 55/502 or 55/529	US-PGPUB; USPAT; USOCR; FPRS	OR	OFF	2009/05/12
S47	6389487	void or gap or space or empty or area or pocket or chasm or hole or rift or opening	US-PGPUB; USPAT; USOCR; FPRS	OR	ON	2009/05/12 13:02
S49	495785	honeycomb or (honey adj comb) or cellular	US-PGPUB; USPAT; USOCR; FPRS	OR	ON	2009/05/12 13:02

\$50	120885	S49 SAME S47	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/05/12 13:02
\$51	18	("3876556"   "3938232"   "4285909"   "4448833"   "4451517"   "4455336"). PN. OR ("4840827"). URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/05/12 13:14
S52	6803	(stress SAME (peripheral or outer)) and S49	US-PGPUB; USPAT; USOCR	OR	ON	2009/05/12 14:08
S53	339	S52 and S46	US-PGPUB; USPAT; USOCR	OR	ON	2009/05/12 14:08
S54	51	((stress NEAP2 release) SAME (peripheral or outer)) and S49	US-PGPUB; USPAT; USOCR	OR	ON	2009/05/12 14:08
S55	1	09/612278	US-PGPUB; USPAT; USOCR	OR	ON	2009/05/12 17:42
S56	5	("4953627"   "5063029"   "5286460"   "5651088"   "5664049").PN. OR ("6696131").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/05/12 17:59

S57	62	("3768982"   "3770389"   "4322387"   "4345430"   "4420316"   "4505107"   "4758272"   "4972197"   "4976929").PN. OR ("5063029").URPN.	US PGPUB; USPAT; USOCR	OR	OFF	2009/05/12 18:03
S58	1	"20030093982"	US-PGPUB; USPAT; USOCR	OR	OFF	2009/05/12 18:30
S59	1	"4,953,627".pn.	US-PGPUB; USPAT; USOCR	OR	ON	2009/05/12 18:38
S60	22442	(amorphous adj silica)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/06/05
S61	2	(amorphous adj silica) SAME (parts NEAR (mass or weight)) SAME (colloidal adj (alumina or silica)) SAME (honeycomb or (honey adj comb) or cellular)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/06/05 10:52
S62	713	(porosity or (pore adj size) or (pore adj diameter)) SAME cordierite SAME (honeycomb or (honey adj comb) or cellular)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/06/05 13:44

S63	29469	428/116 or 428/117 or 428/119 or 428/188 or 428/913 or 428/327 or 428/73 or 428/307.5 or 428/34.5 or 428/177 or 428/304.4 or 428/192 or 501/118 or 501/119 or 501/120 or 501/153 or 501/154 or 55/523 or 55/585.3 or 55/483 or 55/502 or 55/529	US-PGPUB; USPAT; USOCR; FPRS	OR	OFF	2009/06/05 13:46
S65	234	S62 and S63	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/06/05 13:46
S66	97	S65 and @pd<"20030617"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/06/05 13:48

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